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TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT (Under 37 CFR 1.97(b) or 1.97(c))				Docket No. RESP:109US	
In Re Application Of: Cao et al.					
Application No. 10/665,535	Filing Date 09/19/2003	Examiner N/A	Customer No. 24041	Group Art Unit 2131	Confirmation No. 5930
Title: EFFICIENT OPTICAL NETWORK DESIGN USING MULTI-GRANULAR OPTICAL CROSS-CONNECTS WITH WAVELENGTH BAND SWITCHING					
<p>Address to: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450</p> <p>37 CFR 1.97(b)</p> <p>1. <input checked="" type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.</p> <p style="text-align: center;">37 CFR 1.97(c)</p> <p>2. <input type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:</p> <p style="margin-left: 40px;"><input type="checkbox"/> the statement specified in 37 CFR 1.97(e);</p> <p style="text-align: center; margin: 10px 0;">OR</p> <p style="margin-left: 40px;"><input type="checkbox"/> the fee set forth in 37 CFR 1.17(p).</p>					

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
RESP:109US

In Re Application: **Cao et al.**

Application No. 10/665,535	Filing Date 09/19/2003	Examiner N/A	Customer No. 24041	Group Art Unit 2131	Confirmation No. 5930
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Title: **EFFICIENT OPTICAL NETWORK DESIGN USING MULTI-GRANULAR OPTICAL
WITH WAVELENGTH BAND SWITCHING**

Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of _____ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. **50-0822** as described below.
- ☐ Charge the amount of _____
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WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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Signature of Person Mailing Correspondence

C. Paul Maliszewski, P.E.

Typed or Printed Name of Person Mailing Certificate

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Signature

Signature

Dated: **September 17, 2004**

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CPM/KRB

CC:



**U.S. UTILITY PATENT APPLICATION
ATTORNEY DOCKET NO. RESP:109US**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Matter of United States Patent Application:

Applicant(s): Cao et al.

Examiner: N/A

Application No.: 10/665,535

Art Unit: 2131

Filed: 09/19/2003

For: EFFICIENT OPTICAL NETWORK DESIGN USING MULTI-GRANULAR OPTICAL
CROSS-CONNECTS WITH WAVELENGTH BAND SWITCHING

Certificate of Mailing by First Class Mail

I certify that this Information Disclosure Statement is being deposited on September 17, 2004 with sufficient postage with the U.S. Postal Service as first class mail under 37 C.F.R. §1.8 and is addressed to the Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

C. Paul Maliszewski, P.E.

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Honorable Sir:

This Information Disclosure Statement is submitted in compliance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98.

In accordance with 37 C.F.R. §1.97(e)(1), Applicant states that each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the

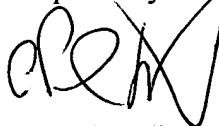
filing of the information disclosure statement.

Record is attached of published art for consideration during prosecution of the above-identified patent application. No representation is made or intended that a search has been made or, if made, was complete, or that no more pertinent art than that listed is available. It is expected that the Patent and Trademark Office will conduct an independent search for relevant prior art.

Unless otherwise indicated, or unless references cited are U.S. patents or patent application publications, a full text copy of the entire reference of published art is attached. Where specifically indicated, an equivalent English language patent or publication is attached in lieu of the translation.

In accordance with the Patent and Trademark Office Notice of August 15, 1980, also enclosed is a completed Form PTO-A820 (Form PTO-1449).

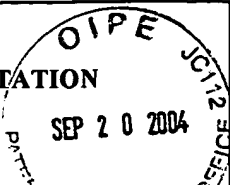
Respectfully submitted,



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Dated: September 17, 2004

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Enclosures (1)

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>		Docket Number (Optional) RESP:109US	Application Number 10/665,535
	Applicant(s) Cao et al.		
	Filing Date 09/19/2003	Group Art Unit 2131	

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

		Shiragaki, T. et al. "Optimum Protection Architecture for Reliable Dense-WDM Lightwave Networks", Communications, 1998. ICC 98. Conference Record. 1998 IEEE International Conference at Atlanta, GA, USA 7-11 June 1998, New York, NY, USA IEEE, US 7 June 1998, pages 181-186.

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.